

## ABSTRACT OF THE DISCLOSURE

5           A method in a wireless communications device that allocates  
neighbor signals to a candidate set based on signal allocation criteria,  
including dynamically changing the signal allocation criteria based on at  
least one of a number of signals in an active signal set (330) and on a signal  
quality of a strongest of signal in the active signal set (332). In one  
10   embodiment the signal allocation criteria is the length of an IIR filter.